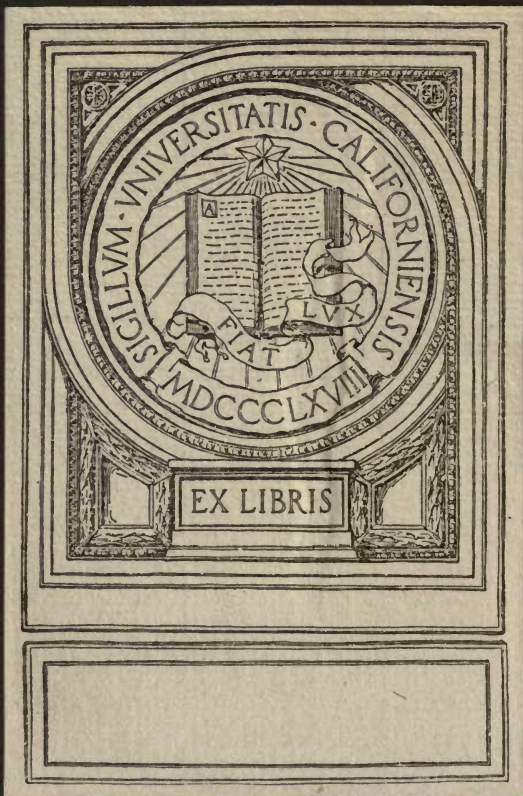


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CLASS CATALOGUE
OF
CURRENT SERIAL DIGESTS
AND INDEXES

OF THE
LITERATURE OF PURE AND APPLIED
SCIENCE

EXHIBITED AT THE
LIVERPOOL MEETING OF THE
LIBRARY ASSOCIATION

SEPTEMBER 2-6, 1912

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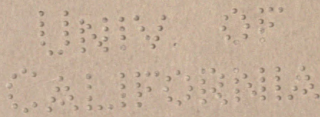
Edward Cyndham Aulme

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TO THE
LIBRARY OF

THE
LIBRARY ASSOCIATION
OF THE STATE OF CALIFORNIA

PREFACE.

THE following Catalogue forms an appendix to a paper prepared by the undersigned writers for the Liverpool Meeting of the Library Association, and a class-list of the serial publications there exhibited. The object of the Catalogue is to indicate those periodicals which profess, by means of abstracts or index references, to record the output of the press in so far as it relates to their specific provinces. Such information, presented succinctly and revised periodically, should form part and parcel of the bibliographical equipment of every librarian; but at present no publication exactly covers this ground. If, therefore, a favourable reception is accorded to this experiment it may be possible to arrange for the periodical publication of a handbook on similar lines, but comprising all branches of literature.

In the meantime the compilers of the present Catalogue beg to record, on behalf of the Council of the Library Association, their best thanks to those publishing firms which have at their request kindly furnished copies of their publications for exhibition at the Liverpool Meeting.

E. WYNDHAM HULME.
CHAS. KINZBRUNNER.

KEY TO CLASSIFICATION.¹

- ACETYLENE, TP 765.
 Adulteration, QD 71.
 Aeronautics, TL 501.
 Agricultural Chemistry, S 583.
 Agriculture, S.
 Air Compressors, TJ 990.
 Anatomy, QL 801.
 Anthropology, GN.
 Artillery, UF.
 Astronomy, QB.
- BACTERIOLOGY, QR.
 Bee-keeping, SF 521.
 Biology, QH 301.
 — Marine, QL 121.
 Botany, QK.
 Brewing, TP 570.
- CERAMICS, TP 785.
 Chemical Analysis, QD 71.
 Chemistry, QD.
 — Applied, 1P.
 — Colloidal, QD 549.
 — Inorganic, QD 151.
 — Organic, QD 251.
 — Physical, QD 450.
 Children's Diseases, RJ.
 Circulatory system, Appendix.
 Coal-mining, TN 802.
 Cold Storage, TP 490.
 Colloidal Chemistry, QD 549.
 Concrete Construction, TA 680.
 Cryptogams, QK 505.
 Crystallography, QD 901.
 Cytology, QH 581.
- DAIRY, SF 221.
 Dentistry, RK.
 Dermatology, RL and Appendix.
 Disinfection, RA 761.
 Dust Prevention, RA 575.
 Dyeing, Bleaching, etc., TP 890.
- ELECTRICAL Engineering, TK.
 Electro-chemistry, TP 250.
 Electro-therapeutics, RM 869.
 Engineering, TA.
 — Military, UG.
 Entomology, QL 461.
- FACTORY Organisation, TS 155.
 Fermentation Industries, TP 500.
 Fisheries, SH.
 Flour-milling, TS 2120.
- Foods, TX 341.
 Fungi, QK 601.
- GARDENING, SB 451.
 Gas Manufacture, TP 700.
 Geodesy, Surveying, QB 281.
 Geology, QE.
 — Economic, TN 260.
 Glaciers, GB.
 Gums and Resins, TP 977.
 Gynecology, RG.
- HÆMATOLOGY, RB 145.
 Heart, diseases, Appendix.
 Horology (*for* Clock and Watchmaking),
 TS 540.
 Hydraulic Engineering, TC.
 Hygiene, Military, UH 600.
 — Public, RA 421.
- ILLUMINATION and Illuminants, TP 700.
 India-rubber, TS 1870.
 Iron and Steel, TS 300.
- LARYNGOLOGY, RF.
 Leather Trade, TS 940.
 Lifting and Conveying, TJ 350.
- MACHINE Tools, TJ 1185.
 Marine Biology, QL 121.
 Mathematics, QA.
 Mechanical Engineering, TJ.
 Medical Electricity, RM 869.
 Medicine, R.
 — Clinical, RC 61.
 — Tropical, RC 960.
 Metallography, TN 690.
 Metallurgy, TN 600.
 Meteorology, QC 851.
 Microscopy, QH 201.
 Military Engineering, UG.
 — Hygiene, UH 600.
 — Medicine, RC 971.
 Mineral Industries, TN.
 — Oils, TN 870.
 — Water Trade, TP 628.
 Mineralogy, QE 351.
 Mycology, QK 601.
- NATURAL History, QH.
 Naval Science, V.
 Nervous Diseases, RC 321.
- OBSTETRICS, RG.

¹ The classification is that of the Library of Congress, Washington.

Oil and Gas Engines. Appendix.
Oils and Fats, TP 670.
Ophthalmology, RE.
Ornithology, QL 671.
Orthopædic Surgery, RD 701.
Otology, RF.

PALÆONTOLOGY, QE 701.
Papermaking, TS 1080.
Pathology, RB.
— Plant, SB 599.
Petroleum, TN 870.
Pharmacy, RS.
Philosophical Instruments, Q 184.
Photography, TR.
Physical Chemistry, QD 450.
Physics, QC.
Physiology, Animal, QP.
Plant Pathology, SB 599.
Postal Service. Appendix.
Psychiatry, RC 321.
Public Health, RA 421 and Appendix.

RADIOACTIVITY, QC 475.
Radiotelegraphy, TK 5700.
Railway Engineering, TF.
Refrigeration, TP 490 and Appendix.
Rhinology, RF.

SANITARY Engineering, TD.

Science, General, Q.
— History, Q 125.
Scientific Instruments, Q 184.
Serum Therapy, RM 741.
Shipbuilding, VM.
Skin Diseases, RL.
Smoke Nuisance, RA 575.
Soapmaking, TP 990.
Soils, S 591.
Sugar, TP 375.
Surgery, RD. and Appendix.
— Orthopædic, RD 701.

TERRESTRIAL Magnetism, QC 811.
Textiles, TS 1300.
Therapeutics, RM.
Tropical Agriculture, SB 111.
— Medicine, RC 960.
Tuberculosis, RC 306.

USEFUL Arts, T.

VETERINARY Medicine, SF 601.

WINE-GROWING, TP 548.
Wireless Telegraphy, TK 5700.
Women, Diseases, RG.

ZOOLOGY, QL.

UNIVERSITY OF CHICAGO

CLASS CATALOGUE
OF
CURRENT SERIAL DIGESTS AND INDEXES,
ETC.

AI.—Indexes.

International Catalogue of Scientific Literature.

Published for the International Council by the Royal Society of
London. *London, Harrison.*

Published annually in 17 sections at £18 the set. Each section is repeated in this list under its subject, and is sold separately. This work comprises the scientific literature—text-book, dissertation and periodical—of the world. The first annual issue deals with the literature of 1901. It forms an annual continuation of the author and subject "Catalogue of Scientific Papers," in course of publication by the Royal Society; of which 13 vols. of the Author Catalogue have been issued for 1800-83; and of which 1884-1900 is now nearly ready for printing. Of the Subject Catalogue (1801-1900) Mathematics and Mechanics are the only parts issued to date. Physics, Part 1, Heat, Light and Sound; Part 2, Electricity and Magnetism is in the press, and Chemistry will follow.

AZ.—History of Science.

Mittheilungen zur Geschichte der Medizin und der Naturwissenschaften.

Hrsg. von der Deutschen Gesellschaft für Geschichte der Medizin,
etc. Jahrg. 11, 1911. (Five parts yearly.)

Hamburg, Voss. 20 mks.

The bulk of the work consists of abstracts and reviews of works on the history of the Natural Sciences and Medicine.

Q.—General Science.

American Journal of Science. (Monthly.) *New Haven, Conn. \$6.40.*

"Scientific Intelligence." Selected reviews and abstracts classified under "Chemistry and Physics," "Geology," "Miscellaneous". Unimportant section.

Revue des Questions Scientifiques. (Monthly.) Année 36, Tome 71,
1912. *Louvain, Société Scientifique de Bruxelles.*

"Bibliographie," "Revue des Recueils Périodiques". Long book-reviews and classed notes dealing with books and press articles.

Q 184.—Philosophical Instruments.

Zeitschrift für Instrumentenkunde. (Monthly.) Jahrg. 32, 1912.

Berlin, Springer. 24 mks.

"Referate." Full illustrated abstracts.

N.B.—In case of journals published outside the United Kingdom, the price quoted is the full price including postage.

QA.—Mathematics.

Bibliotheca Mathematica. Zeitschrift für Geschichte der math. Wissenschaften. (Four parts yearly.) 3e Folge. Band 12, 1912.

Leipzig, Teubner. 20 mks.

"Neu-erschienene Schriften." A class-index of references to articles on the history of mathematics.

Bulletin des Sciences Mathématiques. Vol. 47, 1912. (Monthly.)

Paris, Gauthier-Villars. 18 frs.

"Comptes Rendus et Analyses des Ouvrages et Mémoires," and "Bulletin Bibliographique".

Congrès International de Bibliographie des Sciences Mathématiques.
Répertoire bibliographique des sciences mathématiques.

Paris, Gauthier-Villars.

Card index. From 1894. Twenty series of 100 cards issued. Subscr. price 2 frs. per series.

L'Enseignement Mathématique. Année 14, 1912. (Six numbers yearly.)

Genève, Georg et Cie. [*Paris*, Gauthier-Villars.] 15 frs.

"Bibliographie;" "Bulletin bibliographique". The latter sets out contents of journals so far as relevant.

International Catalogue of Scientific Literature.

A. Mathematics. Ninth annual issue.

London, Harrison.

Indexes about 160 periodicals.

Revue semestrielle des Publications Mathématiques. Rédigée sous les auspices de la Société Math. d' Amsterdam. (Two parts yearly.)

Tome 20, 1911. *Amsterdam*, Delsman en Nolthenius. 8 fr. 50.

Sets out contents of journals so far as they are of a mathematical character, with short abstracts. Also bibliography of non-periodical works with class marks appended.

Zeitschrift für Mathematik und Physik. Organ für angewandte Mathematik. (Quarterly.) Band 60, 1912.

Leipzig, Teubner. 20 mks.

"Neue Bücher"; "Eingelaufene Schriften"; "Abhandlungsregister". The last mentioned is a very full classified index of references to periodicals, 1909-10.

QA 800.—Mechanics.

International Catalogue of Scientific Literature.

B. Mechanics. Ninth annual issue.

London, Harrison.

Indexes about 200 journals.

QB.—Astronomy.

British Astronomical Association. Journal. (Ten numbers yearly.) Vol. 22. 1912. *London*, Eyre & Spottiswoode. 1s. 6d. per number.

"Astronomical publications." Abstracts of articles arranged under subject headings.

Bulletin Astronomique. Tome 29, 1912. (Monthly.)

Paris, Gauthier-Villars. 18 frs.

"Revue des publications astronomiques." Contents-list of periodicals, with abstracts of articles listed.

International Catalogue of Scientific Literature.

E. Astronomy. Ninth annual issue.

London, Harrison.

Indexes about 200 journals.

QC.—Physics.

Annalen der Physik. Beiblätter. (Fortnightly.)

Leipzig, Barth. 24 mks.

Abstracts of physical papers. Forms annual volume of about 1500 pages.

International Catalogue of Scientific Literature.

C. Physics. Ninth annual issue.

London, Harrison.

Indexes about 300 journals.

Deutsche physikalische Gesellschaft. Berichte. (Fortnightly.)

Braunschweig, Vieweg. 16 mks.

Supplement, "Halbmonatliches Literaturverzeichnis der *Fortschritte der Physik*."
A classified list of index references, printed in advance of the abstracts in the *Fortschritte*.

Fortschritte der Physik. Dargestellt von der deutschen physikalischen Gesellschaft. (Three parts yearly.)

Braunschweig, Vieweg. (Price varied.)

Classified abstracts: Part 1. Allgemeine Physik, Akustik, physikal. Chemie.
Part 2. Elektrizität . . . Optik . . . Wärme. Part 3. Kosmische Physik, etc.

Journal de Physique, théorique et appliquée. (Monthly.)

Paris, The Journal. 18 frs.

Publishes signed abstracts of contents of leading physical papers.

Science Abstracts. A. Physics. *London*, Spon. 1s. 6d. per number.

Very full abstracts, occasionally illustrated, issued by the Institution of Electrical Engineers in association with the Physical Society of London, and with the co-operation of the American Physical Society, the American Institute of Electrical Engineers, and the Associazione Elettrotecnica Italiana.

QC 475.—Radio-activity.

Jahrbuch der Radioaktivität und Elektronik. Band 9, 1912.

Leipzig, Hirzel. 20 mks.

"Berichte" often of a bibliographical character, and "Literatur der Elektronik," a classification of index references under twenty-one headings.

Le Radium. La Radioactivité, etc. (Monthly.) Tome 9, 1912.

Paris, Masson. 22 frs.

"Analyses." Signed abstracts and book-reviews.

QC 811.—Terrestrial Magnetism.

Terrestrial Magnetism and Atmospheric Electricity. An international quarterly journal. Vol. 17, 1912.

Cincinnati, Jennings and Graham, *London Agent*, Wesley. \$3.25.

"List of Recent Publications." A classified list of books and references on terrestrial magnetism and atmospheric electricity.

QC 851.—Meteorology.

International Catalogue of Scientific Literature.

F. Meteorology. Ninth annual issue.

London, Harrison.

Indexes about 400 journals.

Meteorologische Zeitschrift. (Monthly.)

Braunschweig, Vieweg. 20 mks.

Publishes abstracts of selected papers, lists of books and contents of journals.
Joint organ of the German and Austrian Societies.

Royal Meteorological Society. Quarterly Journal. Vol. 38, 1912.

London, Stanford. 5s. each number.

"Reviews"; "Recent Publications"; "Meteorological Literature"—the last-mentioned being an alphabetical list of references.

QD.—Chemistry. See also TP. Chemical Technology.

A. Indexes.

International Catalogue of Scientific Literature.

D. Chemistry. Ninth annual issue.

London, Harrison.

Indexes about 400 journals.

Bibliothèque Universelle. Archives des Sciences Physiques et Naturelles.

Année 117, 1912. (Monthly.)

Genève, 18 Rue de la Pélisserie. 25 frs.

"Liste bibliographique des travaux de Chimie faits en Suisse." An alphabetical list of numbered entries.

B. Abstracts.

American Chemical Society. Chemical Abstracts. (Fortnightly.) Vol.

6, 1912.

The Society. \$6.

Short abstracts classified under 30 headings, covering a wider field than that of the European societies. The annual indexes alone occupy some 800 pp.

Chemical Society of London. Journal [Transactions and Abstracts]. Vol.

101-02, 1912.

London, Gurney & Jackson. 40s.

Monthly. Abstracts form two volumes of about 2500 pages.

Chemisches Zentralblatt. Hrsg. von den deutschen chemischen Gesellschaft. (Weekly. Forms two vols. yearly.)

Berlin, Friedlaender. 40 mks. each vol.

Répertoire de Chimie pure et appliquée. Tome 12, 1912.

Paris, 155 Boulevard Malesherbes. 30 frs.

Supplement to the "Revue Générale de Chimie pure et appliquée".

Société Chimique de France. Bulletin. [Mémoires et Travaux Étrangers.]

Paris, Masson. 38 frs.

Bi-monthly. Abstracts form volume of about 1900 pages.

C. Annual Digests.

Jahrbuch der Chemie. Jahrg. 20, 1910.

Braunschweig, Vieweg. About 18 mks.

A collection of signed reviews on the progress of the year.

Jahresbericht über die Fortschritte der Chemie, etc.

Braunschweig, Vieweg. About 12 mks. each Heft.

Founded by Liebig & Kopp. The work has for some years been in arrears—1905-08 having been published in one period, but these arrears are being caught up—1908-09-10 being published concurrently.

QD 65.—Physico-chemical Constants.

Tables annuelles de constantes et données numériques de chimie, de physique et de technologie. Vol. 1. Année, 1910.

Paris, Gauthier-Villars.

Published by the International Committee appointed by the International Congress of Applied Chemistry, London, 2nd June, 1909.

QD 71.—Analytical Chemistry.

Analyst. The organ of the Society of Public Analysts. (Monthly.)
London, Simpkin, Marshall. 2s. each number.

Publishes long signed abstracts and reviews.

Annales de Chimie Analytique Appliquée, etc. (Monthly.)
Paris, Rue Turenne 45. 12 frs.

Revue des publications Françaises ; (2) Étrangères.

Annales des Falsifications. Bulletin International, etc. Année 5, 1912.
Paris, Rue Madame, 56. 22 frs. 50.

"Index Bibliographique." Classified abstracts on foods, beverages, etc.

Zeitschrift für analytische Chemie. (Monthly.) Jahrg. 51, 1912.
Wiesbaden, Kreidel. 18 mks.

Founded by R. Fresenius.

Zeitschrift für Untersuchung der Nahrungs- und Genussmittel, etc. Band
 23, 1912. (Fortnightly. Forms two vols. yearly.)

Berlin, Springer. 24 mks. each vol.

"Referate." Signed abstracts, with occasional illustrations.

QD 151.—Inorganic Chemistry.

Zeitschrift für anorganische Chemie. (Three to four parts to a vol.
 Four vols. yearly.) *Leipzig*, Voss. 12 mks. each.

A collection in the German language of all papers dealing with inorganic chemistry.

QD 251.—Organic Chemistry.

Jahrbuch der organischen Chemie. Jahrg. 4, 1910.
Stuttgart, Enke. 25 mks.

QD 450.—Physical Chemistry.

Fortschritte der Chemie, Physik und physikalischen Chemie. Neue Folge
 des Physikalisch-Chemischen Centralblattes. (Eight nos. yearly.)
Leipzig, Borntraeger. 16 mks.

Journal de Chimie Physique. Tome x, 1912. (Quarterly.)
Paris, Gauthier-Villars. 25 frs.

Contains a classified "Index des Périodiques".

Zeitschrift für physikalische Chemie. (Monthly. Three to four vols.
 yearly.) *Leipzig*, Engelmann. 17 mks. each.

Founded by W. Ostwald and J. H. van't Hoff. A publication in full, and in the original language, of all current contributions to physical chemistry.

QD 549.—Colloidal Chemistry.

Zeitschrift für Chemie und Industrie der Kolloide. (Kolloid-Zeitschrift.)
 (Six parts to a vol. Two vols. yearly.) Band 10, 1912.

Dresden, Steinkopff. 12 mks. each.

QD 901.—Crystallography.

Zeitschrift für Krystallographie und Mineralogie. Band 50, 1912. (Six
 parts yearly.) *Leipzig*, Engelmann. 6 mks. each part.

"Auszüge" abstracts in each number.

QE.—Geology.

Geological Literature added to the Geological Society's Library . . .
 1910. *Geological Society*, Burlington House. 2s.

The above issue is an octavo volume of 218 pages. It consists of a list of publications received by the Society (16 pages), with an analytical author and subject-index thereto.

Geologische Rundschau. Zeitschrift für allgemeine Geologie. Band 3,
 1912. (Six parts yearly.) *Leipzig*, Engelmann. 12 mks.

"Bücher- und Zeitschriftenschau." Book reviews and numbered abstracts.

Journal of Geology. (Eight nos. yearly.) Vol. 20, 1912.
 University of Chicago Press. \$3.

"Petrological Abstracts and Reviews." A sub-series appearing at intervals.

Geologisches Zentralblatt. Anzeiger für Geologie, Petrographie, Paleontologie, etc. (Fortnightly.) *Berlin*, Borntraeger. 30 mks.

Classified abstracts or index entries. The abstracts are usually in the language of the original papers.

International Catalogue of Scientific Literature.

H. Geology. Ninth annual issue. *London*, Harrison.

Indexes about 300 journals.

QE 351.—Mineralogy.

International Catalogue of Scientific Literature.

G. Mineralogy. Ninth annual issue. *London*, Harrison.

Indexes about 300 journals.

Neues Jahrbuch für Mineralogie, Geologie und Paläontologie. (Two vols. yearly.) Band 1, Jahrg. 1911.

Stuttgart, Schweizerbart. 27 mks. 50 each.

Consists of two portions: Abhandlungen (original memoirs) and Referate.

QE 701.—Palæontology.

International Catalogue of Scientific Literature.

K. Palæontology. Ninth annual issue. *London*, Harrison.

Indexes about 250 journals.

QH.—Natural History.

Annals and Magazine of Natural History, including Zoology, Botany and Geology. (Monthly.)

London, Taylor & Francis. 2s. 6d. per number.

"Bibliographical Notices." Chiefly book reviews.

QH 201.—Microscopy.

Royal Microscopical Society: Journal. (Bi-monthly.)

London, 29 Hanover Square. 6s. per part.

Publishes an annual summary of current researches relating to Zoology and Botany (principally invertebrata and cryptogamia), Microscopy, etc.

Zeitschrift für wissenschaftliche Mikroskopie und für mikroskopische Technik. Band 29, 1912. *Leipzig*, Hirzel. 20 mks.

Publishes full abstracts and bibliography.

QH 301.—Biology.

International Catalogue of Scientific Literature.

L. General Biology. Ninth annual issue.

London, Harrison.

Indexes about 250 journals.

Centralblatt für die gesammte Biologie.

Abt. 1. Biochemisches Centralblatt.

Abt. 2. Biophysikalisches Centralblatt.

The above parts now consolidated under the title of:—

Zentralblatt für Biochemie und Biophysik. Band 13, 1912.

Leipzig, Borntraeger. 37 mks. 50.

Consists entirely of abstracts.

QH 431.—Heredity.

Zeitschrift für induktive Abstammungs- und Vererbungslehre. (Four parts yearly.)

Berlin, Borntraeger.

"Referate." Lengthy signed abstracts.

QH 581.—Cytology.

Archiv für Zell-forschung. Band 8, 1912. (Indeterminate. Four parts form a vol.)

Leipzig, Engelmann. Price varied.

"Referate." Signed abstracts.

QK.—Botany.

Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie. Band 84, 1912. (Five parts form a vol.)

Leipzig, Engelmann. 30 mks. per vol.

"Literaturbericht." Book reviews and abstracts.

Botanisches Zentralblatt. Band 119, 1912. (Weekly. Forms two vols. yearly.)

Jena, Fischer. 14 mks. per vol.

Signed abstracts, arranged in class order.

Botanical Gazette. Vol. 53, 1912. (Monthly.)

University of Chicago Press. \$5.

"Current Literature." Book reviews and classified notes for students.

Just's Botanischer Jahresbericht. Systematisch geordnetes Repertorium der botanischer Literatur aller Länder. (About six parts to a vol.)

Jahrg. 38, 1910.

Leipzig, Borntraeger. Price varies.

Classified abstracts and reviews. Unimportant literature entered only by title.

International Catalogue of Scientific Literature.

M. Botany. Ninth annual issue.

London, Harrison.

Indexes about 650 journals.

QK 601.—Mycology.

Mycologisches Centralblatt. Zeitschrift für allgemeine und angewandte Mycologie. Band 1, 1912. (Monthly.)

Jena, Fischer. 15 mks.

Annales Mycologici, etc. Jahrg. 10, 1912. (Six parts yearly.)

Berlin, Friedlaender. 25 mks.

"Neue Literatur," "Referate und kritische Besprechungen".

QL.—Zoology.

Archiv für Naturgeschichte. (Monthly.) Jahrg. 79, 1912.

Berlin, Nicolaische Verl. Price varied.

"Abt. 3. Jahresberichte." There are six volumes to each year, of which 2-6 are "Jahresberichte," or classified references to zoological periodicals, etc.

Bibliographia Zoologica.

Card index compiled by H. H. Field of the Concilium Bibliogr. of Zurich. Printed as Supplement to "Zoologischer Anzeiger," 1896, etc.

International Catalogue of Scientific Literature.

N. Zoology. Tenth annual issue.

London, Harrison.

List of journals analysed occupies 102 pages. Issued with additional title-page as "The Zoological Record".

Zoologischer Anzeiger. Band 39, 1912. (Weekly.)

Leipzig, Engelmann. 30 mks. per vol.

Appendix: Bibliographia Zoologica. Ed. Dr. H. H. Field (Concilium bibliogr.) in Zurich. Obtainable separately at 12 mks. per vol.

Zoologischer Jahresbericht. Hrsg. von der zoologischen Station zu Neapel. 1910 (last publ.).

Berlin, Friedlaender. 24 mks.

A classified digest of the science—each section being preceded by a class list of references.

Zoologisches Zentralblatt. Band 18, 1911. (Twenty-six numbers yearly.)

Leipzig, Engelmann. 30 mks.

QL 121.—Marine Biology.

Archiv für Hydrobiologie und Planktonkunde. (Quarterly.) Band 7, 1912.

Stuttgart, Schweizerbart. Price varies.

"Bücherbesprechungen." Includes abstracts of papers.

Bureau of British Marine Biology. Contributions. Series 2. Bibliography and review of recent publications.

London, The Bureau, etc. 2s. each part.

An author index. Titles numbered consecutively.

Internationale Revue der gesamten Hydrobiologie und Hydrographie. (Six parts yearly.) Band 4, 1912.

Leipzig, Dr. Werner Klinkhardt. 30 mks.

"Ländereferate"; "Einzelreferate". The latter are signed abstracts.

QL 461.—Entomology.

Entomological News. Vol. 23, 1912. (Monthly.)

Philadelphia, The Academy of Natural Sciences. \$2.

"Entomological Literature." A classified list of references.

Revue Russe d'Entomologie. Tome 12, 1912. (Quarterly.)

St. Petersburg, M. G. Jacobson. 12 frs.

Revue critico-bibliographique. Classified book reviews and abstracts of considerable extent.

Zeitschrift für wissenschaftliche Insektenbiologie. Band 17, 1912. (Monthly.)

Berlin-Schöneberg. 14 mks.

"Literatur Referate. Short abstracts; Literatur-Bericht, classed index and references."

QL 671. Ornithology.

Auk. A quarterly journal of ornithology.

New York, American Ornithologists' Union. \$3.

'Recent Literature.'

Ibis. (Quarterly.)

London, R. H. Porter. 8s. per part.

Notices of recent ornithological publications. Numbered book reviews and abstracts of papers.

Ornithologische Monatsberichte.

Berlin, Friedlaender. 6 mks.

"Schriftenschau."

Abstracts, with length of article indicated.

QL 801.—Anatomy.

Bibliographia Anatomica.

Card Index compiled since 1897 by H. H. Field of the Concilium Bibliographicum of Zurich. Also published as supplement to the "Anatomischer Anzeiger".

Bibliographie Anatomique. Revue des travaux en langue française.

Anatomie, Histologie, Embryologie, Anthropologie. (Six parts

yearly.) Tome 22, 1912. *Paris*, Berger-Levrault. 12 fr.

"Bibliographie" in alternate numbers. A classified index of references to French literature.

International Catalogue of Scientific Literature.

O. Anatomy. Ninth annual issue.

London, Harrison.

Indexes about 350 journals.

Jahresberichte über die Fortschritte der Anatomie und Entwicklungsgeschichte. (In three parts.)

Jena, Fischer. Each vol. about 85 mks.

Contains classification of the literature of the year with critical reviews.

Jahresbericht über die Leistungen und Fortschritte in der Anatomie und Physiologie. (Fortsetzung von "Virchow's Jahresbericht".)

Berlin, Hirschwald.

Each section is preceded by a classification of the literature of the year.

QP.—Physiology.

International Catalogue of Scientific Literature.

Q. Physiology. Ninth annual issue.

London, Harrison.

Indexes about 700 journals.

Zeitschrift für allgemeine Physiologie. (About 2 vols. yearly.)

Jena, Fischer. 24 mks. per vol.

"Referate." Book-reviews and abstracts.

Zentralblatt für Physiologie. (Fortnightly.) Band 26, 1912.

Leipzig, Deuticke. 48 mks.

Classed and signed abstracts.

QR.—Bacteriology.

Centralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten.
 Abt. 1. Medizin.-hygienische Bakteriologie und tierische Parasitenkunde.

Abt. 2. Allgemeine landwirtschaftlich-technologische Bakteriologie, Gärungsphysiologie und Pflanzenpathologie.

Jena, Fischer. 8vo. 15 mks. per vol.

The two sections form about 7 vols. yearly. Abt. 1 is further divided into original papers and abstracts.

Institut Pasteur. Bulletin. Revues et Analyses des travaux de bactériologie, médecine, etc. Tome 10, 1912. *Paris*, Masson.

Contains signed abstracts classified under six headings.

International Catalogue of Scientific Literature.

R. Bacteriology. Ninth annual issue. *London*, Harrison.

Indexes about 500 journals.

Jahresbericht über die Fortschritte in der Lehre von den pathogenen Mikro-organismen, umfassend Bakterien, Pilze und Protozoen.

Leipzig, Hirzel. About 30 mks.

Generally three to four years in arrears.

Jahresbericht über die Fortschritte in der Lehre von den Gärungsorganismen.

Leipzig, Hirzel. About 25 mks.

About five years in arrears.

Scientific Roll. A magazine of systematised notes. Ed. A. Ramsay. (Irregular.) *London*, Dorrington Bros. 10s. per vol.

Classified abstracts on (1) Climate; (2) Bacteria, *in progress*.

Zeitschrift für Gärungsphysiologie, allgemeine landwirtschaftliche und technische Mykologie. (Six nos. yearly.) Band 1, 1912.

Berlin, Borntraeger.

"Referate." Abstracts classified under three headings—General, Agricultural Mycology, and Plant Pathology.

R.—Medicine.**A.—Indexes.**

Boston Medical and Surgical Journal. (Weekly.) Vol. 156, 1912. Jan.-June. *Boston*, Leonard. \$5.

"Current Literature." A synopsis of the contents of selected medical journals.

Index Medicus. A monthly classified record of the current medical literature of the world. Second series.

Washington, Carnegie Institution, etc. \$8-60.

An index classification, with full annual author and subject indexes. Invaluable as a continuation to the Catalogue of the U. S. Surgeon General's Library, of which the 2nd Series is now in progress.

Zentral-Organ der Medizin. (Monthly.) 1912. Band 1.

Hamburg, Rettig & Kollmorgen (*London Agents*, Camb. Univ. Press).

An alphabetical index of references to current medical literature. The successor to the "Bibliographie der Biologie," Abt. 1. Medizin.

B.—Abstracts.

American Journal of the Medical Sciences. (Monthly.) Vol. 144, 1912.

Philadelphia, Lea & Febiger. \$5.

"Progress of Medical Science." Classed abstracts.

British Medical Journal. (Weekly.)

London, 429 Strand. 6d. per number.

"Epitome of Current Medical Literature." Classed abstracts, forming 2 volumes yearly.

Canada Lancet. (Monthly.) Vol. 45, 1912.

Toronto, Ontario Publ. Co. \$2.

"Current Medical Literature." Abstracts.

Deutsche medizinische Wochenschrift.

Leipzig, Thieme. 8 mks. per quarter.

"Literaturbericht." Reviews and classified abstracts.

Excerpta Medica. (Monthly).

Leipzig, Sallmann. 5 mks.

Short extracts from the medical press.

Journal of the American Medical Association. (Weekly.) Vol. 58, 1912.

Chicago, The Association. \$5.

"Current Medical Literature." Numbered abstracts and contents of medical journals. The latter are reprinted half-yearly, with a general subject-index. Price 50 cents.

Medical Chronicle. (Monthly.) Vol. 56, 1912.

Manchester, Sherratt & Hughes. 12s. 6d.

"Chronicle" Consists of abstracts classed under medicine, surgery and pathology.

Medical Press and Circular. Established 1838. (Weekly.)

London, Tindall. 5d. per number.

"Summary of Recent Medical Literature, etc" consists of a few abstracts of selected papers.

Medical Record. (Weekly.) Vol. 81, 1912.

New York, Wood & Co. \$5.

"Progress of Medical Science." Contents, lists of the medical press with selected abstracts.

Medical Review. A record of what is important to the practitioner in the medical periodicals of the world. (Monthly.) Vol. 16, 1912.

London, 70 Finsbury Pavement, E.C. 1s. 6d. per number.

A collection of abstracted articles with occasional critical matter.

New York Medical Journal. (Weekly.) Vol. 95, Jan.-June, 1912.

New York, Elliott Co. \$5.

"Pith of Progressive Literature." Contents, lists of medical journals with abstracts of selected papers.

Wiener medizinische Wochenschrift. Jahrg. 62, 1912.

Vienna, Perles. 24 mks.

"Referate" and "Allgemeine Journalrevue".

Centralblatt für die medicinischen Wissenschaften. (Weekly.) Jahrg. 50, 1912.

Berlin, Hirschwald. 28 mks.

Zentralblatt für die gesammte Medizin. (Weekly.) Jahrg. 33, 1912.

Leipzig, Barth. 72 mks.

The work is divided into three sections—Innere Medizin, Chirurgie, Gynäkologie—each section having its own numbered and signed abstracts and reviews.

C.—Annuals.

Medical Annual. A year book of treatment, and practitioners' index. 30th year 1912.

Bristol, Wright. 8s. 6d.

Schmidt's Jahrbücher der in- und ausländischen gesammten Medizin. Jahrg. 1912. Band 313-16 (4 vols. yearly; 3 pts. per vol.).

Bonn, Weber's Verl. 41 mks.

Consists of signed abstracts, classified and numbered, book reviews, and a classified list of references occupying nearly 100 pages.

RA 421.—Public Hygiene.

American Journal of Public Hygiene and Journal of the Massachusetts Association of Boards of Health. (Quarterly.) Vol. 20, 1912.

Boston, Mass. \$1.

Publishes classified abstracts.

Annales d'Hygiène Publique et de Médecine Légale. (Monthly.)

Paris, Baillière.

"Revue des Journaux." Selected abstracts, chiefly from French sources.

Hygienische Rundschau. (Fortnightly.) Jahrg. 22, 1912.

Berlin, Hirschwald. 14 mks. half-yearly.

Consists principally of signed abstracts, book reviews, etc. Yearly volume of about 1400 pp.

Office International d'Hygiène Publique. Bulletin Mensuel. Tome 4, 1912.

Paris, The Office, etc. 10 frs.

"Bibliographie." Consists of full abstracts arranged under headings—Infectious Diseases, Water Supply, Food and Work.

Public Health. The official organ of the Society of Medical Officers of Health. (Monthly.) Vol. 25, 1912.

London, The Society. £1 1s.

Sozial-Technik. Zeitschrift für technische und wirthschaftliche Fragen der Industrie, Unfallverhütung, etc. (Monthly.) Jahrg. 11, 1912.

Berlin, Seydel.

"Bücher- und Zeitschriftenschau." Classified abstracts.

Technique Sanitaire. (Monthly.) Année 7, 1912.

Paris, Berger- Levrault. 24 frs.

"Index Bibliographique." A classified index of references.

RA 575.—Hygiene of the Atmosphere.

Rauch und Staub. Zeitschrift für ihre Bekämpfung. (Monthly.) Jahrg. 2, 1912.

Düsseldorf, A. Bagel. 12 mks.

"Zeitschriftenschau." Illustrated abstracts on dust prevention, smoke nuisance, etc.

RA 761.—Disinfection.

Disinfection. (Monthly.) Jahrg. 5, 1912.

Berlin, Deutscher Verlag für Volkswohlfart G. m. B. 10 mks.

Publishes abstracts and literary index.

RB.—Pathology.

Journal de Physiologie et de Pathologie générale. (Six Nos. yearly.) Tome 14, 1912.

Paris, Masson. 40 frs.

"Analyses." Classed and signed abstracts and reviews.

"**Pathologica.**" (Fortnightly.) Anno 4, 1912. *Genoa, 20 lire.*

"*Riassunti di recenti Pubblicazioni.*" Signed abstracts.

Zeitschrift für Versicherungsmedizin. (Monthly.) Jahrg. 5, 1912.

Halle a. S., Marhold. 10 mks.

"Referate und Besprechungen."

RB 145.—Hæmatology.

Folia Hæmatologica. Internationales Magazin für klinische und morphologische Hæmatologie. (Irregular.) Teil 2. Zentralorgan. Band 13, 1912. *Leipzig*, Klinkhardt. 16 mks.

Teil 2 consists of signed abstracts.

RC 61.—Clinical Medicine.

Berliner klinische Wochenschrift. Jahrg. 49, 1912.

Berlin, Hirschwald. 6 mks. per quarter.

"Bücherbesprechungen;" Literaturauszüge.

Wiener klinische Wochenschrift. Jahrg. 25, 1912.

Vienna, Braumüller. 24 mks.

"Referate;" "Aus verschiedenen Zeitschriften". Reviews and numbered extracts.

RC 306.—Tuberculosis.

Revue de la Tuberculose. (Six Nos. yearly.) 2e Série. Tome 9, 1912.

Paris, Masson. 15 frs.

"Classement méthodique des travaux, mémoires, articles publiés sur la Tuberculose."

Zeitschrift für Tuberkulose. (Six parts form one vol.) Band 18, 1911-12.

Leipzig, Barth. 12 mks. 40.

Appears at irregular intervals.

"Referate über Bücher und Aufsätze." Signed abstracts in German.

RC 321.—Nervous System, Diseases.

Archives Internationales de Neurologie. (Monthly.) Année 34, 1912.

Paris, Libr. Médicale O. Berthier. 23 frs.

"Analyses Bibliographiques." Abstracts.

Journal of Abnormal Psychology. (Quarterly.) Vol. 7, 1912.

Boston, Mass., Gorham Press. \$4.

"Abstracts." Often of great length.

Journal of Nervous and Mental Diseases. (Monthly.) Vol. 39, 1912.

Lancaster, Pa. (London agent, Lewis). \$5.

"Periscope." Contents-lists, and abstracts.

Journal of Mental Science. (Quarterly.) Vol. 58, 1912.

London, Churchill. 5s. per number.

"Reviews and Notices" and "Epitome of current literature". The latter consists of signed abstracts.

Neurologisches Centralblatt. (Fortnightly.) Jahrg. 30, 1912.

Leipzig, Veit. 16 mks. half year.

Review of Neurology and Psychiatry. (Monthly.) Vol. 10, 1912.

Edinburgh, Schulze & Co. £1 5s.

"Abstracts" and classed "Bibliography" of references.

Revue Neurologique. (Fortnightly.) Année 20, 1912.

Paris, Masson. 38 frs.

"Ouvrages reçus." An alphabetical list of books, reprints, etc.

Zeitschrift für Psychologie und Physiologie der Sinnesorgane. Abt. 1.
Zeitschrift für Psychologie. (Three to four vols. of six parts.)

Leipzig, Barth. 15 mks. per vol.

"Literaturbericht." Very full reviews of books and articles.

RC 900.—Diseases of Urinary Organs.

Journal d'Urologie Médicale et Chirurgicale. (Monthly. Two vols. yearly.) Année 30, 1912. *Paris, Masson.* 40 frs.

"Analyses." Signed abstracts—very full. The covers also contain "fiches bibliographiques" or index entries with subject headings for pasting on cards.

RC 960.—Tropical Hygiene.

Journal of Tropical Medicine and Hygiene. (Fortnightly.) Vol. 15, 1912. *London, Bale, Sons & Danielsson, Ltd.* 18s.

"Recent Current Literature." Short abstracts.

Journal of the London School of Tropical Medicine. Vol. 1, 1912. *London, Taylor & Francis.* 3s. per number.

Sections 1-6—Entomology, Protozoology; Helminthology, Pathology, Public Health, Clinical Medicine—contain abstracts and reviews of works published in regard to these sections.

RC 971.—Military Medicine.

Archives de Médecine et Pharmacie Militaires. (Monthly.) Vol. 59, 1912. *Paris, Chapelot.* 21 frs.

"Analyses." Signed abstracts.

RD 701.—Orthopædic Surgery.

American Journal of Orthopedic Surgery. (Quarterly.) Vol. 9, 1912. *Philadelphia, Blakiston.* \$3.

"Abstracts." A valuable classification of references with occasional annotations.

Pediatrics. (Monthly.) Vol. 24. *New York, Pediatric Publ. Co.* \$2.

"Retrospect of Current Pediatric Literature."

Archives of Pediatrics. (Monthly.) Vol. 29, 1912. *New York, Treat & Co.* \$3.

"Current Literature." Classified and signed abstracts.

RE.—Ophthalmology.

Archives d'Ophthalmologie. Tome 32, 1912. *Paris, Steinheil.* 23 frs.

"Revue Bibliographique." Part 1 records the proceedings of Societies; Part 2 analyses the contents of journals.

Archives of Ophthalmology. (Fortnightly.) Vol. 41, 1912. *New York, Putnam.* \$5.

"Progress of Ophthalmology." Transl. from the "Archiv für Augenheilkunde".

Ophthalmic Review. (Monthly.) Vol. 31, 1912. *Manchester, Sherratt & Hughes.* 12s.

"Reviews" consist of signed abstracts.

Ophthalmoscope. (Monthly.) Vol. 10, 1912.

London, Pulman & Sons, Ltd. £1.

"Current literature." Classed and signed abstracts.

Centralblatt für praktische Augenheilkunde. (Monthly.) Jahrg. 36, 1912.

Leipzig, Veit. 12 mks.

"Referate, Uebersetzungen, Auszüge."

Journal of Laryngology, Rhinology and Otology. A record of current literature, etc. (Monthly.) Vol. 27, 1912.

London, Adlard. 20s.

Consists principally of abstracts.

RF.—Otology, Rhinology, Laryngology.

Annales des Maladies de l'Oreille, du Larynx, du Nez et du Pharynx.

(Monthly.) Tome 38, 1912.

Paris, Masson. 25 frs.

"Analyses." Signed abstracts.

Archiv für Ohrenheilkunde. Band 88, 1912. *Leipzig*, Vogel. 13 mks. 50.

"Otologische Rundschau," which consists of numbered and signed abstracts. now forms a separate volume numbered in with the series of the "Archiv". The change took place with vol. 83.

Archives Internationales de Laryngologie, d'Otologie et de Rhinologie.

(Six Nos. yearly.) Tome 33, 1912.

Paris, Maloine. 22 frs.

"Revue et Comptes Rendus," record of proceedings of societies; "Bibliographie," signed reviews of books; "Revue des Thèses"; "Notes de Lectures"; "Analyses". Occupies over 100 pages in each number.

Semon's Internationales Centralblatt für Laryngologie, Rhinologie, etc.

(Monthly.) Jahrg. 28, 1912.

Berlin, Hirschwald. 15 mks.

Consists of signed abstracts. (Referate.)

Zeitschrift für Ohrenheilkunde und für die Krankheiten der Luftwege.

(Four parts form one vol.) Band 65, 1912.

Wiesbaden, Bergmann. 16 mks.

"Berichte" consists of signed and classed abstracts.

RG.—Gynæcology and Obstetrics.

American Journal of Obstetrics, etc. (Monthly.) Vol. 65, 1912.

York, Pa., Wood & Co. \$5.

"Brief of Current Literature." Selected abstracts.

Annales de Gynécologie et d'Obstétrique. (Monthly.) Année 39, 1912.

Paris, Steinheil. 22 frs.

"Revue Analytique." Long signed abstracts.

Bulletin of the Lying-in Hospital of the City of New York. (Quarterly.)

Vol. 8, 1912.

New York, Lying-in Hospital Press. \$1.

"Bibliography of Obstetrical Literature" in each number. A class-list of references.

Journal of Obstetrics and Gynæcology of the British Empire. (Monthly.)

Vol. 21, 1912.

Manchester, Sherratt & Hughes. £1 5s.

"Reviews of current literature." Abstracts.

Revue de Gynécologie et de Chirurgie Abdominale. (Monthly.) Tome 18, 1912.

Paris, Masson. 30 frs.

"Analyses." Signed abstracts.

RJ.—Children's Diseases.

Archiv für Kinderheilkunde. (Six parts form one vol.) Band 58, 1912.
Stuttgart, Enke. 15 mks.

"Referate." Signed and classed abstracts.

Archives de Médecine des Enfants. (Monthly.) *Paris, Masson.* 18 frs.
 "Analyses"; "Thèses et Brochures". The former section consists of abstracts, the latter of reviews and theses, etc.

British Journal of Children's Diseases. (Monthly.) Vol. 9, 1912.
London, Adlard & Son. £1.

"Abstracts from current literature."

Jahrbuch für Kinderheilkunde, etc. Band 75, 1912. *Berlin, Karger.*
 "Einzelreferate" consist of signed abstracts.

RK.—Dentistry.

Ash's Wiener Vierteljahrs-Fachblatt. Jahrg. 8, 1912.
London Agents, C. Ash, Sons & Co., Ltd. 5 frs.

"Praktische Winke" and "Varia". Consists of short abstracts of papers.

British Journal of Dental Science. (Fortnightly.) Vol. 55, 1912.
London, Bale, Sons & Danielsson, Ltd. 6d. each number.

Publishes abstracts.

Dental Cosmos. (Monthly.) Vol. 54, 1912.
Philadelphia, The S. S. White Dental Mfg. Co. \$1.

"Reviews of current dental literature."

RL.—Dermatology.

Annales de Dermatologie et de Syphiligraphie. (Monthly.) 5e Série.
 Vol. 3, 1912. *Paris, Masson.* 32 frs.

"Revue de Syphiligraphie." Signed abstracts. A classed bibliographical index of dermatological references is printed on the yellow covers.

British Journal of Dermatology. (Monthly.) Vol. 24, 1912.
London, Lewis. £1 1s.

"Current Literature"; "Quarterly Survey of Dermatological Literature". The former consists of abstracts; the latter is a classified index of references.

Dermatologische Wochenschrift. Band 55, 1912.
Leipzig, Voss. 24 mks.

"Fachzeitschriften." Signed abstracts.

Dermatologische Zeitschrift. (Monthly.) Band 19, 1912.
Berlin, Karger. 40 mks.

"Periodische Literatur." Signed abstracts.

Lepra. *Bibliotheca Internationalis.* (Quarterly.) Vol. 12, 1912.
London, Williams & Norgate. £1.

"Lepra Literatur" appears annually. A classified list of references.

RM.—Therapeutics.

Journal de Médecine et de Chirurgie pratiques. Année 83, 1912.
Paris (17), Rue de Nesles, No. 8. 12 frs.

Consists of abstracts of theses, periodical articles, and general notes, all numbered consecutively.

Revue de Thérapeutique médico-chirurgale. (Fortnightly.) Année 79, 1912. *Paris*, Alcan. 13 frs.

"Revue des Publications Scientifiques." Signed abstracts.

Therapeutic Gazette. (Monthly.) Vol. 36, 1912. *Detroit, Mich.*, Swift. 10s.

"Reports on therapeutic progress." Reprints or abstracts of papers.

Therapeutische Monatshefte. Jahrg. 26, 1912. *Berlin*, Springer. 12 mks.

Referate. Signed and classed abstracts.

Zeitschrift für physikalische und diätetische Therapie. (Monthly.) Band 16, 1912. *Leipzig*, Thieme. 12 mks.

"Referate über Bücher und Aufsätze." Classed and signed abstracts.

Zentralblatt für die gesamte Therapie. (Monthly.) Jahrg. 30, 1912. *Vienna*, M. Perles. 12 mks.

Consists of signed abstracts.

RM 741.—Serum Therapy.

Zeitschrift für Chemotherapie, etc. Jahrg. 1, 1912. Teil 2. Referate. (Fortsetzung der Folia Serologica.)

Leipzig, Thieme. 20 mks. half-yearly.

The Referate, which appear monthly, form a separate volume.

Zeitschrift für Immunitäts-forschung und experimentelle Therapie. Teil 2. Referate. Band 5, 1912. *Jena*, Fischer. 22 mks.

All abstracts in German.

RM 831.—Radiotherapy.

Zentralblatt für Röntgenstrahlen, Radium, etc. (Monthly.) Jahrg. 3, 1912. *Wiesbaden*, Bergmann. 15 mks.

Consists principally of signed abstracts followed by a classified "Literatur-Uebersicht und Zeitschriften-Literatur".

RM 869.—Medical Electricity.

Archives d'Électricité médicale, expérimentale et clinique. (Fortnightly.) Tome 20, 1912. *Paris*, Doin. 22 frs.

Publises abstracts.

RS.—Pharmacy.

American Journal of Pharmacy. (Monthly.) Vol. 84, 1912. *Philadelphia*, College of Pharmacy. \$3.

"Progress in Pharmacy." A quarterly review consisting of abstracts. By M. I. Wilbert.

Bulletin des Sciences Pharmacologiques. (Monthly.) Année 1908. Tome 15. *Paris*, 21, rue Hautefeuille.

"Bibliographie Analytique." Book reviews and abstracts.

Journal de Pharmacie et de Chimie. (Fortnightly.) 104 Année, 1912. *Paris*, Doin. 17 frs.

"Revue des Journaux." Abstracts.

- Pharmaceutical Journal and Pharmacist.** (Weekly.) Vol. 88, 1912.
London, The Pharmaceutical Press. 6d per number.
 "Abstracts—Scientific and Technical." A very slender selection.
- Pharmazeutische Zentralhalle für Deutschland.** (Weekly.) Jahrg. 53,
 1912. *Dresden*. 3 mks. 50 quarterly.
 Contains numerous abstracts.
- Répertoire de Pharmacie.** (Monthly.) Année 68, 191.
Paris, 45 Rue Turenne. 10 frs.
 Consists largely of extracts.

Annals.

- Jahresbericht der Pharmazie.** Jahrg. 45, 1910.
Göttingen, Vandenhoeck & Ruprecht. 20 mks., bound.
 A digest with references to sources.
- Yearbook of Pharmacy**, comprising abstracts of papers, etc.
London, Churchill. 10s.

S.—Agriculture.

A.—Indexes.

- Annales de la science agronomique**, etc. 4e Sér. Tome 1, 1912.
Paris, Berger-Levrault. 26 frs.
 "Bibliographie." A good classified list of references.

B.—Abstracts.

- Experiment Station Record.** (Monthly.) Vol. 26, 1912.
Washington, Govt. Printing Office. \$1.50 each vol.
 Consists of classed abstracts of all U.S. experiment stations with some foreign material. Excellent author and subject indexes. Taking price into consideration, this is the cheapest and best resumé of the progress of agricultural science published. Forms two vols. yearly.
- Imperial Institute. Bulletin.** (Quarterly.) Vol. 10, 1912.
London, Murray. 10s.
 Contains abstracts of papers relating to the agricultural, mineral industries, etc., of India and the British colonies.
- Journal für Landwirtschaft.** (Quarterly.) Jahrg. 60, 1912.
Berlin, Parey. 10 mks.
 Publishes a critical bibliography and abstracts.

C.—Digests.

- Jahresbericht über die Erfahrungen und Fortschritte auf dem Gesamtgebiete der Landwirtschaft.** Jahrg. 25, 1910.
Braunschweig, Vieweg. 15 mks. bound.
 Signed reviews of the progress of agriculture, supported by references to authorities in the form of footnotes.

S 583.—Agricultural Chemistry.

- Jahresbericht über die Fortschritte auf dem Gesamtgebiete der Agrikultur-chemie.** Jahrg. 53, 1910.
Berlin, Parey. mks.
 Classified abstracts.

Biedermann's Zentralblatt für Agrikultur-chemie und rationellen Landwirtschaftsbetrieb. (Monthly.) Jahrg. 41, 1912.

Leipzig, Leiner. 11 mks. half yearly.

Consists of lengthy classified abstracts.

S 591.—Soils.

Internationale Mittheilungen für Bodenkunde. (Six parts yearly.) Band 1, 1912.

Berlin, Verl. f. Fachliteratur. 24 mks.

"Referate" and "Zeitschriftenschau".

SB 111.—Tropical Agriculture.

Journal d'Agriculture Tropicale. (Monthly.) Année 12, 1912.

Paris, (xiii.) 164 rue Jeanne d'Arc prolongée. 20 frs.

"Bulletin bibliographique (sur pages bleues)."

Tropical Agriculturist and Magazine of the Ceylon Agricultural Society. (Monthly.) Vol. 38, 1912.

Colombo, Ferguson. £1.

Consists mainly of reprinted articles.

SB 451.—Horticulture.

Royal Horticultural Society. Journal. Vol. 36, 1910-11.

London, The Society. 15s.

Commencing with Vol. 26 (1901-2) a section entitled "Notes and Abstracts" has been devoted to the abstracting of the periodical press.

SB 599.—Vegetable Pathology.

Institut International d'Agriculture. Bulletin du Bureau des Renseignements agricoles et des maladies des plantes. (Monthly.) Année 3, 1912.

Rome, The Institute. 18 frs.

The titles of journals abstracted occupy 17 pages. Three editions published French, English and Italian.

Jahresbericht über das Gebiet der Pflanzenkrankheiten. Band 12, 1909.

Berlin, Parey. 18 mks.

Classed abstracts.

Zeitschrift für das landwirtschaftliche Versuchswesen in Oesterreich. (Monthly.) Jahrg. 15, 1912.

Vienna, Frick. 10 mks.

"Neuheiten auf dem Gebiete des Pflanzenschutzes." Abstracts of papers on plant diseases, etc.

Zeitschrift für Pflanzenkrankheiten. (Eight Nos. yearly.) Band 12, 1912.

Stuttgart, Ulmer. 20 mks.

"Referate." Abstracts.

SB 801.—Economic Zoology.

Archives de Zoologie expérimentale et générale. Vol. 50, 1912.

Paris, A. Schulz. 52 frs. cart.

"Notes et Revue." This supplement to the Archives contains an "Index Bibliographique".

Journal of Economic Biology. (Four parts yearly.) Vol 7, 1912.

London, Dulau. 16s.

"Current Literature." A classified list of index entries.

SF 221.—Dairy.**Milchwirtschaftliches Zentralblatt.** (Fortnightly.)*Hannover*, Schaper. 4 mks. 30 quarterly.

"Referate." Signed abstracts.

Revue générale du Lait. (Twenty-four Nos. form one vol.) Tome 9,
1911-12. *Lierre, Belg.* 16 frs.

Contains a classed analytical bibliography.

SF 521.—Beekeeping.**British Bee Journal**, etc. (Weekly.) Vol. 40, 1912.*London*, Simpkin, Marshall, etc. 1d. per number.

Each number contains a few abstracts from the foreign press.

SF 601.—Veterinary Science.**Archiv für wissenschaftliche und praktische Thierheilkunde.** (Six parts
yearly.) Band 38, 1912. *Berlin*, Hirschwald. 18 mks."Literaturverzeichnis." A half-yearly classified list of references, with an annual
index of names of authors.**Deutsche tierärztliche Wochenschrift.** Jahrg. 20, 1912.*Hannover*, Schaper. 5 mks. quarterly.

Contains weekly abstracts of considerable length.

Journal of Comparative Pathology and Therapeutics. (Quarterly.) Vol.
25, 1912. *Edinburgh*, Johnston, Ltd. 10s."Abstracts and Report." The more important papers are abstracted at great
length.**Journal of Tropical Veterinary Science.** (Quarterly.) Vol. 6, 1911.*Calcutta*, Thacher, Spink & Co.

"Notes and Extracts." This section occupies about fifty pages in each number.

T.—Technology.**Association de Bibliographie et de Documentation scientifique, industrielle
et commerciale.** (Ten Nos. yearly.) Bulletin. Année 2, 1912.*Paris*, M. Jules Garçon, 40 bis rue Fabert. 10 frs., to members
only.Edited by M. Garçon, the well-known bibliographer of the textile industries. The
object of the Association is to supply its members with information on their several
industries or special researches. The Bulletin records articles of bibliographical interest,
and publishes brief special bibliographies.**International Institute of Technical Bibliography.** Journal. (Monthly,
with annual consolidation.) In seven sections, entitled :—

1. Mechanical Engineering Abstracts.
2. Electrical Engineering Abstracts.
3. Civil Engineering Abstracts.
4. Mining and Metallurgy Abstracts.
5. Applied Chemistry Abstracts.
6. Military and Marine Engineering Abstracts.
7. Supplement (Miscellaneous).

68, Hampstead Way, N.W. Subscr. 24s. for each monthly
section ; annual volumes, 120s. for seven sections bound,
100s. unbound ; 18s. for each section bound, 16s. unbound.

The Internationales Institut für Techno-Bibliographies was founded in 1908 to take over and extend the "Repertorium des technischen Journal-Literatur," published since 1856 by the Prussian and Imperial German Patent Offices successively. The work consists of classified, annotated, and in some cases illustrated index entries. Over 1500 journals are examined for the purpose. The collective edition of the seven sections is published under the title of "Engineering Abstracts" (total edition). At the end of each year the twelve monthly parts of each section are consolidated under the title, "Yearbook of the International Institute" (Band 1, 2, 3, etc.). The Abstracts include notices of books published.

Mois Scientifique et Industriel. Année 14, 1912.

Paris, 8 Rue Nouvelle. Ordinary (salmon) edition, 25 frs. ; for cards (blue), 30 frs.

Full illustrated abstracts classified on the Dewey decimal system in three divisions—1. Mechanics, Electricity, Civil Engineering ; 2. Mining and Metallurgy ; 3. Chemistry and Electro-chemistry. The price for supplying an article abstracted in its original form is stated.

Société d'Encouragement pour l'Industrie Nationale. Bulletin. (Monthly.)

Année 112, 1912. *Paris*, 44 Rue de Rennes. 36 frs.

Since 1902 has contained an analytical index to the contents of periodicals taken in by the Society.

TA.—Engineering.

American Society of Civil Engineers. Proceedings. (Ten Nos. yearly.)

New York, The Society. \$8.

"Monthly list of recent engineering articles of interest."

Annales des Ponts et Chaussées. 1^{re} partie, Mémoires, etc. 2^e partie, Lois, etc.

Paris, rue de la Chaussée d'Antin, 6. 36 frs. for Mémoires only.

"Compte-rendu des périodiques." Long illustrated abstracts in French, arranged in class order.

Civil Engineering Abstracts. Vol. 3, 1912. (Monthly, with yearly Consolidated issue.)

London, International Institute of Technical Bibliography. See *supra* T.

Engineering Magazine. (Monthly.) Vol. 43, 1912.

London, 52 Long Acre. 1s. each number.

"The Engineering Index." Descriptive entries indicating length of article, classified alphabetically under eight main divisions. About 250 publications analysed, At the end of each year the monthly indexes are consolidated and reissued as "The Engineering Index" (1911, 28th year), price 10s.

Génie Civil. (Weekly.) Année 33, 1912.

Paris, rue de la Chaussée d'Antin, 6. 45 frs.

Includes abstracts of important papers.

Glaser's Annalen für Gewerbe und Bauwesen. (Fortnightly. Forms two vols. yearly.) Band 70. Jan.-Juni, 1912.

Berlin, G. Siemens. 10 mks. each vol.

Supplement. "Literaturblatt," a classified index of references to engineering periodicals, with separate half-yearly index. Some sixty journals are analysed.

Industrial Engineering and The Engineering Digest. (Monthly.) Vol. 11, 1912. *New York*, The Technical Literature Co. \$2.60.

Originally published under the title of "Technical Literature". Contains brief abstracts of important papers—supplemented by a classified list of other papers. Under 200 journals indexed.

Institution of Civil Engineers. Proceedings. Vol. 8, 1912.

London, The Institution. Gratis to members.

Abstracts, non-illustrated, but copious and well prepared, accompany each volume of the Proceedings. The Institution was one of the first to organise a separate Department for the abstracting of professional periodical literature—the abstracts being continuous from 1838.

Revue de l'Ingénieur et Index Technique. Organe officiel de l'Institut Technique Industriel. (Monthly.)

88, Rue de Ruysbroeck, Brussels. 2 frs. 50 per number.
25 frs. yearly.

Comprises an index of articles classified by the Dewey decimal system, printed on one side only. Contains about 15,000 references yearly, and 1,000 book notices. Has published 125,000 index entries to date.

TA 680.—Concrete Architecture.

Beton u. Eisen. Internationales Organ für Betonbau. (20 parts yearly.)
Jahrg. 11, 1912. *Berlin*, Ernst. 16 mks.

"Zeitschriftenschau." Index entries arranged in the order of the Handb. f. Eisenbetonbau by Emperger—the standard work on the subject.

TC.—Hydraulic Engineering.

Turbine. (Fortnightly.) Jahrg. 8, 1912. *Berlin*, Krayn. 12 mks.
"Zeitschriftenschau." Long abstracts and (2) "Rundschau"; a classed index of references.

Zeitschrift für das gesamte Turbinenwesen. (Three numbers monthly.)
Jahrg. 9, 1912.

Munich, Oldenbourg. 18 mks. + foreign postage.

"Turbinentechnik in anderen Zeitschriften." A classified list of references—the * denoting that the article will be treated more fully in a subsequent number.

TF.—Railway Engineering.

International Railway Congress. Bulletin. (Monthly.) English edition.
Vol. 26, 1912. *London*, King. £1 4s.

"Monthly Bibliography of Railways," arranged on the Dewey decimal system, printed on one side only—about 200 entries per month.

Organ für die Fortschritte des Eisenbahnwesens. (Fortnightly.) N.F.
Band 49, 1912. *Wiesbaden*, Kreidel. 38 mks.

"Bericht über die Fortschritte des Eisenbahnwesens." Classed illustrated abstracts of selected articles, patents, etc.

Rivista Technica di Ferrovie Italiane. (Monthly.) Anno 1, 1912.
Rome, Collegio Nazionale degli Ingegneri Ferroviari Italiani.
30 lire.

"Libri e Rivisti." Full illustrated abstracts.

Zeitschrift für Kleinbahnen. (Monthly.) Jahrg. 19, 1912.
Berlin, Springer. 15 mks.

"Zeitschriftenschau." Brief abstracts of contents of journals.

TJ.—Mechanical Engineering.

Mechanical Engineering Abstracts. Vol. 3, 1912. (Monthly, with yearly consolidated issue.

London, International Institute of Technical Bibliography.

Cf. supra T.

Revue de Mécanique. (Monthly.) Tome 30, 1912.

Paris, Dunod & Pinat. 40 frs.

"Littérature des Périodiques et Brevets." Very full illustrated abstracts.

TJ 990.—Compressed Air.

Zeitschrift für komprimierte und flüssige Gase. (Monthly.) Jahrg. 14, 1911-12. *Weimar*, Steinert. 8 mks. half-yearly.

"Zeitschriften und Bücherschau."

TJ 1350.—Hoisting and Conveying.

Fördertechnik. Zeitschrift für den Bau und Betrieb der Hebezeuge. (Monthly.) Jahrg. 5, 1912. *Wittenberg*, Ziensen. 16 mks.

"Zeitschriftenschau" published at intervals. Very full illustrated patent abstracts published monthly.

TK.—Electrical Engineering.

Electrical Engineering Abstracts. Vol. 3, 1912. (Monthly, with yearly consolidated issue.)

London, International Institute of Technical Bibliography.

Cf. supra T.

Electrical World. (Weekly.) Vol. 59, 1912.

New York, McGraw Publ. Co. \$6.

"Digest of current electrical literature."

Fortschritte der Electrotechnik. (Quarterly.) Jahrg. 25 (and final vol.) 1911. *Berlin*, Springer. Each 36 mks.

One of the most complete and trustworthy digests of professional literature published. Each quarter contains a classified index under seventeen main classes (further sub-divided) of references to periodical articles and patents, the more important of which are abridged in the same number. Full annual indexes of patents, names and subjects are published with an appendix of book review references. From 1912 onward this publication will be amalgamated with "Electrical Engineering Abstracts," *q.v.*

Science Abstracts. B. Electrical Engineering. (Monthly.) Vol. 15, 1912.

London, Spon. 1s. 6d. per number.

See above QC Physics.

TK 5700.—Radio-Telegraphy.

Jahrbuch der drahtlosen Telegraphie und Telephonie. (Six parts yearly.)

Band 5, 1912.

Leipzig, Barth. 20 mks.

A digest of the year's literature and patents.

TL 501.—Aeronautics. *See also* U Naval and Military Sciences.

Advisory Committee for Aeronautics. Technical Report, 1910-11.

Stationery office. 6s.

Abstracts of Technical Papers and References; No. vii.-xii., pp. 92-128.

Aeronautical Journal. Vol. 16, 1912.

London, Vacher. 1s. 6d. per number.

Gives a quarterly analysis of foreign periodical publications.

Encyclopédie de l'Aviation et revue mensuelle des publications aéronautiques. Année 3, 1912. *Paris*, Libr. Aéronautique. 10 frs.

Each number is arranged in dictionary order.

Military Engineering Abstracts. Includes Aeronautics. (Monthly, with yearly consolidated issue.) Vol. 3, 1912.

London, International Institute of Technical Bibliography. Cf. *supra* T.

TN.—Mineral Industries.

Mineral Industry ; its Statistics, Technology, and Trade. Vol 19, 1910.

New York, McGraw Hill Book Co. \$5.

Founded by R. Rothwell, editor of the "Engineering and Mining Journal". This excellent annual, although not primarily bibliographical in character, appends to each chapter excellent bibliographies of books and articles published during the year.

Mining and Engineering World. (Weekly.) Vol. 36, 1912.

Chicago. \$3.

"Index to World's Current Literature." The best weekly classed mining index published.

Mining and Metallurgy Abstracts. (Monthly, with yearly consolidated issue.) Vol. 3, 1912.

London, International Institute of Technical Bibliography.

Cf. *supra* T.

Annales des Mines. (Monthly, two vols. yearly.) Mémoires. 11^e Série, 1912. *Paris*, Dunod & Pinat. 32 frs.

Each volume contains a full classified book list containing many analytical references.

Société de l'Industrie Minérale. Bulletin et Comptes Rendus Mensuels. 5^e Série, Tome 1, 1912. *St. Étienne*, The Society. 40 frs.

"Comptes-Rendus des Périodiques." Illustrated abstracts.

School of Mines Quarterly. Vol 33, 1911-12.

Columbia University, New York City. \$2.

Publishes abstracts on metallurgy, analytical chemistry, mining decisions, metallography and alloys by separate sub-editors.

Institution of Mining Engineers. Transactions. Vol. 43, 1912.

London, The Institution. 6s. per number.

The Institution is a federation of seven local mining and engineering societies. Each volume of Transactions has an appendix of classed abstracts.

Chemical, Metallurgical, and Mining Society of South Africa. Journal. (Monthly.) Vol. 12, 1911-12.

Johannesburg, Rowland. 35s.

Notices and abstracts, etc., of articles and papers.

Mining Magazine. (Monthly.) Vol. 6, 1912.

London, Mining Publ., Ltd. 1s. per number.

(1) "Precis of Technology"; (2) "Current Literature". (1) Illustrated abstracts; (2) brief notes.

Glückauf. Berg- und hüttenmännische Zeitschrift. (Weekly.) Jahrg. 48, 1912. *Essen*, The Journal. 6 mks. quarterly.

Publishes weekly a classified digest of articles in some eighty to ninety periodicals.

Zeitschrift für das Berg- Hütten- und Salinenwesen im preussischen Staaten. (Seven to eight parts yearly.) Band 60, 1912.

Berlin, Ernst. 25 mks.

Publishes a quarterly index to eighty-two journals analysed.

TN 260.—Economic Geology.

Economic Geology. With which is incorporated The American Geologist. (Eight Nos. yearly.) Vols. 7, 1912.

Lancaster, Pa., The Economic Geology Publ. Co. \$3.

"Reviews"; "Recent Literature"—the latter classed abstracts.

Zeitschrift für praktische Geologie. (Monthly.) Jahrg. 20, 1912.

Berlin, Springer. 24 mks.

The Supplement "Bergwirtschaftliche Mittheilungen" contains a section, "Bergw. Litteratur," or index to periodical literature.

TN 600.—Metallurgy.

Institute of Metals. Journal. (Two vols. yearly.)

Caxton House, Westminster. £1 1s.

Section 2 in these volumes consists of abstracts of papers relating to the non-ferrous metals and alloys.

Jurnal Russkago Metallurgecheskago Obshchestva. 1912. Second year.

St. Petersburg, The Society. Price per part varies.

Publishes very full abstracts in a separately-paged section of the periodical.

Metal Industry. (Monthly.) Vol. 4, 1912.

London, 33 Bedford Street, W.C. 6d. net.

Since August, 1912, has published a bibliographical section entitled "Recent Literature relating to the Non-ferrous Metals" prepared by the International Institute of Technical Bibliography.

Metallurgie. (Fortnightly.) Jahrg. 9, 1912.

Halle a. S., Knapp. 6 mks. quarterly.

"Metallurgische Rundschau." Abstracts of patent and other literature.

Revue de Métallurgie. Tome 1, Mémoires; Tome 1, *bis* Extraits.

Paris, Dunod & Pinat. 40 frs.

The extracts form an annual volume of about 800 pages, fully illustrated.

TN 690.—Metallography.

Internationale Zeitschrift für Metallographie. (6-7 parts form a volume.)

Band 1, 1911.

Berlin, Borntraeger. Price not stated.

Contains a well-printed analytical bibliography from 1910.

TN 802.—Coal Mining.

Colliery Guardian. (Weekly.) Vol. 103, 1912.

London, 30-31 Fournival Street, E.C. 6d. per number.

From April 4, 1911, has published a "monthly list of recent coal literature" prepared by the International Institute of Technical Bibliography. Bibliography appears also in the "Coal Age" of New York.

TN 870.—Mineral Oils.

Allgemeine Oesterr. Chemiker- und Techniker-Zeitung. Zentral-Organ für die Petroleum-Industrie. (Fortnightly.) Jahrg. 30, 1912.

Vienna, xviii/2, H. Urban. 8 mks. half yearly.

Contains a good many translated articles.

Petroleum. (Fortnightly.) Jahrg. 7, 1911-12.

Berlin, Verlag für Fachliteratur G. m. B. 24 mks.

"Referate." Abstracts.

TP.—Chemical Technology.

Applied Chemistry. Abstracts. Vol. 3, 1912. (Monthly with yearly consolidated issue.)

London, International Institute of Technical Bibliography.

Cf supra T.

Chemical Trade Journal and Chemical Engineer. Vol. 50, Jan.-June, 1912.

London, Davis Bros. 4d. per number.

With Feb. 24, 1912, commenced the monthly publication of a "bibliography of recent chemical literature," prepared by the International Institute of Technical Bibliography.

Chemiker-Zeitung. (Triweekly.)

Coethen, The Journal. 5 mks. quarterly.

Weekly supplement. "Chemisch-Technisches Repertorium." Consists of short classified abstracts, etc.

Moniteur Scientifique de Quesneville. (Monthly.) Tome 74, 1912.

Paris, 12 Rue de Buci. 25 frs.

The representative French organ of applied chemistry. Publishes very full abstracts of papers in the scientific press and patent digests.

Revue de Chimie Appliquée. Organ trimestrial, etc. Année 1, 1912.

Paris, Bongrand. 8 frs.

"Revue générales," critical abstracts; "Notes et Documents".

Revue de Chimie Industrielle. (Monthly.) Année 23, 1912.

Paris, Tignol. 15 frs.

"Revue des Périodiques Français et Étrangers." Short abstracts, followed by much fuller patent abstracts.

Society of Chemical Industry. Journal. (Fortnightly.) Vol. 31, 1912.

London, Vacher. 36s.

"Journal and Patent Literature." Publishes under twenty-four classes abstracts of all articles and patents relating to industrial chemistry, together with excellent annual indexes.

Zeitschrift für angewandte Chemie. (Monthly.) Jahrg. 25, 1912.

Leipzig, Spamer. 30 mks.

"Referate." Short signed classified abstracts.

Annals.

Jahresbericht über die Leistungen der chemischen Technologie. Jahrg. 57, 1911. (2 vols.: (1) Inorganic; (2) Organic.)

Leipzig, Barth. 30 mks. each vol.

Founded by R. von Wagner. Consists entirely of classified abstracts.

TP 250.—Electrochemical Industries.

Jahrbuch der Elektrochemie und angewandten physikalischen Chemie.
a hrg 14, 1907. (Published 1911.) *Halle a S., Knapp.*

Publication several years in arrears.

Metallurgical and Chemical Engineering. Vol. 10, 1912.

An incorporation of "Electrochemical and Metallurgical Industry,"
"Iron and Steel Magazine".

New York, Electrochemical Publishing Co. \$2.50.

"Synopsis of metallurgical and chemical literature." Classed abstracts.

Revue d'Électrochimie et d'Électro-métallurgie. (Monthly.)

Paris, 1 Boulevard St. Germain. 30 frs.

"Revue des Publications Françaises et Étrangères." Long abstracts.

Zeitschrift für Elektrochemie und angewandte physikalische Chemie, etc.
(Fortnightly.) *Halle a. S., Knapp.* 6 mks. ; 25 quarterly.

Contains at intervals a "Wissenschaftliche Literatur-Uebersicht".

TP 375.—Sugar Manufacture.

Association des Chimistes de Sucrerie et de Distillerie. Bulletin.
(Monthly.) Tome 29, 1912.

Paris, 156 Boulevard Magenta. 25 frs.

"Revue des publications techniques." Classified and signed abstracts.

International Sugar Journal. With which is incorporated The Sugar
Cane (1869-1908). (Monthly.) Vol. 14, 1912.

Altrincham, 1s. per number.

"Review of current technical literature."

Verein der Deutschen Zucker-Industrie. Zeitschrift. (Monthly.) Band 61,
1911.

Berlin, Friedlaender. 54 mks.

Two vols. per annum. The "Technischer Teil" contains a very full digest of
German and foreign patent specifications.

TP 490.—Refrigeration.

Revue générale du Froid. (Monthly.) Année 3, 1912.

Paris, Rue Denis-Poisson, 16. 22 frs.

Zeitschrift für die gesammte Kälte-Industrie. (Monthly.) Jahrg. 19,
1912.

Munich, Oldenbourg. 16 mks.

"Zeitschriftenbericht." Abstracts.

TP 570.—Brewing.

Annales de la Brasserie et de la Distillerie. Année 16, 1912.

Paris, 35 Rue Dutot. 18 frs.

Publishes long abstracts of foreign papers.

Brewers' Journal. (Monthly.) Vol. 48, 1912. *London, Lyon.* 20s.

"Brewing Research Abroad." A few abstracts from foreign sources.

Brewing Trade Review. (Monthly.) Vol. 26, 1912.

London, 13 Little Trinity Lane. 20s.

"Scientific Notes" includes a few abstracts of foreign papers.

Institute of Brewing Journal, containing the transactions of the various sections, together with abstracts of papers published in the journals, etc. (Monthly.) Vol. 18, 1912.

London, Harrison. 5s. per number.

By far the fullest collection of brewing abstracts published.

Zeitschrift für das gesammte Brauwesen. (Weekly.)

Munich, R. Oldenbourg. 16 mks.

"Aus der wissenschaftlichen Literatur." Selected abstracts.

TP 670.—Oils and Fats.

Chemische Revue über die Fett-und Harz-Industrie. (Monthly.) Jahrg. 19, 1912.

Hamburg, Dr. L. Allen. 6 mks. half-yearly.

"Berichte." Abstracts on the analytical and technical chemistry of the oils, fats, and resins.

TP 700.—Gas Manufacture, Artificial Lighting, etc.

Illuminating Engineer. (Monthly.) Vol. 5, 1912.

London, 13 Bream's Buildings. 1s. per number.

"Review of the Technical Press." Abstracts and References.

Good Lighting and the Illuminating Engineer. (Monthly.) Vol 7, 1912.

New York, 15 West 38th Street. \$2.

"Current Literature." Book reviews and classified abstracts and references.

Progressive Age. (Fortnightly.) Vol. 30, 1912.

New York, 280 Broadway. \$3.

"Current Gas Literature." An alphabetical subject index, published on the fifteenth of each month and reprinted in the following issue in the advertisements for cutting up and pasting on cards.

Revue des Eclairages. (Fortnightly.) Année 18, 1912.

Paris, Boulevard de Clichy, 104. 12 frs.

"Argus de la Presse Technique."

Verein der Gas- und Wasserfachmänner in Oesterr.-Ungarn. Zeitschrift. (Fortnightly.) Band 52, 1912.

Vienna, xiv/1, Holohergasse 3. 14 mks.

"Literatur." Sets out the contents of the leading gas journals, with the addition of a few short abstracts.

Annals.

Fortschritte des Beleuchtungswesens und der Gasindustrie im Jahre 1911.

Munich, Oldenbourg. 4 mks. 50.

A classified digest by Dr. H. Strache of the progress of the gas industry. Well illustrated and supported by references.

Institution of Gas Engineers. Transactions, 1911.

London, N. Spon. 10s. 6d.

Each annual volume contains abstracts of chemical papers relating to the gas industry.

Société technique de l'Industrie du Gaz en France. Compte Rendu du 38^e Congrès, 1911. (Annual.)

Paris, 44 Rue Saint Lazare. Price not stated.

Hitherto has contained long classified abstracts with separate index. The above (the last) volume, however, contains only a cumulative index to the abstracts of the three preceding years.

TP 785.—Ceramics.

English Ceramic Society. Transactions. (Two parts yearly.)

Stoke-on-Trent, The Society. 30s.

"Abstracts from Pottery Journals," issued with the Transactions. The leading trade journals are analysed and references from other sources incorporated. The abstracts deal exclusively with the scientific and technical processes of manufacture, and do not touch ceramic art, archaeology, etc.

Revue générale de Céramique, Verrerie, Chaufourmerie. 3e Année, 1912.

Paris, 51 Rue de Parades. 25 frs.

"Revue de la Presse." Selected abstracts.

Tonindustrie-Zeitung. (Triweekly.) Jahrg. 36, 1912.

Berlin, N.W. 21. 3 mks. quarterly.

"Zeitschriftenschau." Classified abstracts.

TP 990.—Soap-making.

Seifensieder-Zeitung und Revue über die Harz-, Fett- und Ölindustrie. (Weekly.) Jahrg. 39, 1912.

Augsburg, Verl. f. chem. Industrie. 8 mks., half-yearly.

"Kleine Zeitung" contains a few abstracts.

TR.—Photography.

Jahrbuch für Photographie und Reproduktionstechnik.

Halle a. S., Knapp. Bd. in linen, 9.50 mks.

Editor, J. M. Eder. Besides original contributions the work contains a series of annual reports of the progress of Photography, fully supported by references to the literature of each year. It also contains German and Austrian patent- and book-lists.

TS 155.—Factory Management.

Werkstattstechnik. Zeitschrift für Anlage und Betrieb von Fabriken, etc. (Fortnightly.) Jahrg. 6, 1912.

Berlin, Springer. 12 mks.

"Zeitschriftenschau."

TS 300.—Iron and Steel, Metallurgy.

Iron and Steel Institute. Journal. (2 vols. yearly.) Vol. 84, 1911.

London, Spon. 16s. each vol.

Each vol. has a section, "Notes on the Progress of the Home and Foreign Iron and Steel Industries," consisting of classified abstracts of recent papers. The section is remarkable for the thoroughness of its execution.

Stahl und Eisen. (Weekly.) Jahrg. 32, 1912.

Düsseldorf, Verl. Stahleisen m. b. H. 15 mks. half-yearly.

"Zeitschriftenschau." Short classified abstracts.

TS 940.—Leather Manufacture.

American Leather Chemists' Association. (Monthly.) Journal. Vol. 7, 1912.

Easton, Pa., Chemical Publishing Co. \$5 to members; \$7 to non-members.

"Abstracts" of considerable length and value.

Collegium. Central [Polyglot] organ of the International Association of Leather Trade Chemists. (Monthly.) 1912.

London, Dr. J. Gordon Parker. 25 frs.

"Extracts from other journals." Abstracts in German language.

TS 1080.—Papermaking.

Papermakers' Monthly Journal. Fiftieth year, 1912.

London, Marchant, Singer & Co. 6d. each number.

Commenced in April, 1912, "The Bibliography of Current Paper Trade Literature," prepared by the International Institute of Technical Bibliography.

Papermaking. (Monthly.) Vol. 31, 1912.

London, Page & Pratt, Ltd. 5s.

Contains a few translations.

TS 1300.—Textiles.

Revue générale des Matières Colorantes. (Monthly.) Année 16, 1912.

Paris, rue de la Chaussée d'Antin 64. 32 frs.

"Extraits des Journaux et des Brevets."

Textile Recorder. (Monthly.) Vol. 30, 1912-13.

Manchester, Heywood. 1s. per number.

Since April 15, 1912, has published a "Monthly list of recent textile literature" prepared by the International Institute of Technical Bibliography.

TS 2120.—Flour-milling.

Mühlen- und Speicherbau. (Fortnightly.) Jahrg. 5, 1912.

Heidelberg, Meissner. 4 mks. quarterly.

"Zeitschriftenschau."

Russkiy Melnik [Russian Miller]. (Monthly.) Vol. 4, 1912.

Kief, 58 Kretschtsatik. 15 roubles.

"Review of Technical Journals." Abstracts, unillustrated.

U.—Naval and Military Sciences.

Military Engineering Abstracts. (Monthly, with yearly consolidated issue.) Vol. 3, 1912.

London, International Institute of Technical Bibliography.

Cf. *supra* T.

Classified under (1) Aerial Navigation; (2) Marine Engineering; (3) Weapons, etc.; (4) Military Science.

Royal United Service Institution Journal. (Monthly.) Vol. 56, Jan.-June, 1912.

London, The Institution. 2s. each number.

Publishes monthly contents-lists of foreign service periodicals.

UF.—Artillery.

Kriegstechnische Zeitschrift. (Ten parts yearly.) Jahrg. 15, 1912.

Berlin, Mittler. 10 mks.

"Aus dem Inhalte von Zeitschriften." A contents list of journals containing articles of military interest.

- Journal of the Royal Artillery.** (Monthly.) Vol. 38, 1911-12.
Woolwich, R.A. Institution. 2s. 6d. per number.
 "Reports, Précis, Translations, etc." Separately paged appendix.
- Journal of the United States Artillery.** Vol. 34, 1912.
Fort Monroe, Va. \$2.50.
 "Professional Notes" include translations of articles in periodicals.
- Memorial de Artilleria.** (Monthly.) Año 67, 1912.
Madrid, The "Director". 18 pesetas.
 "Seccion Bibliografica." Includes an index to periodicals.
- Revue d'Artillerie.** (Monthly.) Année 40, 1912.
Paris, Berger-Levrault. 20 frs.
 Contain in an appendix a monthly bibliography and index to periodicals.
- Rivista di Artiglieria e Genio.** (Monthly.) 29 Annata, 1912.
Roma, Tip. E. Voghera.
 "Bolletino Bibliografico-technico-militare." A quarterly class list of books and references.

UG.—Military Engineering.

- United States Army—Corps of Engineers and Engineering Department**
 at large. Professional memoirs. (Six Nos. yearly.) Vol. 5, 1912.
Engineer School, Washington Barracks, D.C. \$3.
 Index of selected articles of engineering interest.
- Mittheilungen über Gegenstände des Artillerie- und Geniewesens.**
 (Monthly.) Jahrg. 43, 1912. *Vienna, Eberle & Co.* 20 mks.
 "Kleine Notizen," includes translations.

UH 600.—Military Hygiene.

- Journal of the Royal Army Medical Corps.** (Monthly.) Vol. 18, 1912.
London, Bale, Sons & Danielsson, Ltd. 2s. each number.
 "Reviews" and "Current literature". The latter section consists of abstracts, with occasional illustrations.
- W. Roth's Jahresbericht über die Leistungen und Fortschritte auf dem**
 Gebiete des Militar-Sanitätswesens. Jahrg. 35, 1909.
Berlin, Mittler & Sohn. From 3-5 mks.
 A supplement to the "Deutsche Militärärztliche Zeitschrift". Consists of a classified index of articles relative to military hygiene of about 120 pp.

V.—Naval Science.

- Marine Rundschau.** (Monthly.) Jahrg. 23, 1912.
Berlin, Mittler & Sohn. 2 mks. 50 quarterly.
 "Literatur"; "Inhaltsangabe von Zeitschriften"; book reviews; a classified index to professional periodicals.
- Mittheilungen aus dem Gebiete des Seewesens.** (Monthly.) Band 40,
 1912. *Vienna, Gerold's Sohn.* 14 mks.
 "Zeitschriften-Index"; "Bibliographie".
- Revue Maritime.** (Monthly, 4 vols. yearly.) Tome 193. Avril-Juin,
 1912. *Paris, Chapelot.* 46 frs.
 "Bibliographie et Comptes Rendus Analytiques."

Rivista Marittima. (Monthly.) Anno 45, 1912.

Roma, Off. Poligrafica Italiana. 25 lire.

"Rivista di Riviste"; "Indice di Riviste" and "Bibliografia".

U.S. Naval Institute. Proceedings. (Quarterly.) 1912.

Annapolis, The Institute. \$3.50.

"Professional Notes." Lengthy abstracts of articles.

VM.—Shipbuilding.

Schiffbau. (Fortnightly.) Jahrg. 13, 1911-12.

Berlin, Marfels A.-G. 4 mks. quarterly.

"Zeitschriftenschau." Classed descriptive references to journal literature.

APPENDIX.

HE 6000.—Postal Service.

Annales des Postes, Télégraphes et Téléphones. (Monthly.) Année 2,
1912. *Paris*, Dumas. 7 frs.

"Compte-Rendu des Périodiques," illustrated abstracts; "Bibliographie" and
"Brevets".

RA 421.—Public Hygiene.

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